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BEAUTIFUL NATIVE PLANTS

FROM THE
HIGH PLAINS, BADLANDS
AND BLACK HILLS

1957

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U. S. Department of Agriculture



Dodecatheon pulchellum, Shooting Stars. As many as fifteen darting rose and gold stars to the umbel, with many umbels, at 4 to 10 inches, mainly May, pulchellum brings brilliancy and delight to the early garden.

This species in nature dwells in some very arid places but will be well pleased not to be subjected to such intensity of dryness as its habitat now and again presents. Steady moisture in the growing season, with drainage, is most acceptable and it has all the family's relish for "coddling" with much humus. It dies down after ripening seed, to come again with spring.

Claude. A. Barr

PRAIRIE GEM RANCH

Smithwick, S. D.

SERVICE: High quality plants only are sent on your order. Our packing will please. In addition to culture suggested in this catalog special advice is offered when it may prove useful or on request. Every effort is made to get shipments out when desired. Mention of your preferred date will be appreciated, and of one or two alternatives, as a few items may become exhausted.

PRICES include prepaid delivery by parcel post. Usually 3 or 12 plants can be furnished if one or "each" is priced.

A SEED LIST is issued in autumn.

HABITAT AND GARDEN SUCCESS

To grow the Great Plains plants it is important to recognize native factors of adaptation and environment. Character and faculty have been molded in these plants by untold ages of living where periods of moisture shortage are long and of moisture excess very brief.

Moisture retention devices in the plant structure have been developed to an outstanding degree to withstand shortage; to escape excesses the canny plants select high places and slopes, rocky, gravelly and porous soils from which excess water readily drains away or down, thus quickly restoring aeration. In general, moistness is sought, wetness avoided.

A recommended scree mixture for replacing soils that are close textured and impervious or too rich and moisture retentive, or to counteract inescapable shade from remote trees or other objects, is made up of equal parts of ordinary soil, coarse sand, and fine gravel or rock chips, including some lime. This provides an excellent base for all Great Plains plants. The needs of certain subjects for portions of richer soil may be met by adding leaf-mold or other humus locally, in planting or in top-dressing.

All plants listed herein are tolerant of lime and a few demand it. If your rooting medium is suspected of not being "lean" enough for the ardent sun-lovers substitute subsoil, up to three-fourths for soil.

HERBACEOUS PERENNIALS

Actinea simplex Wide daisies of brilliant gold, 4 to 10" above silvered rosettes of narrow leaves. June and later. Ideal rock plant. 50c; 3, \$1.00.

Agastache anethiodora, Anise Hyssop. Delightful fragrant tall herb. Spikes of soft blue-lavender continuously, June on. Rich soil, shade. 50c.

Anemone caroliniana Brave and dainty and jewel-like, inch-and-a-half wide, blue or white, of 8 to 20 cupped petals, May. 3, 50c; doz. \$1.50.

Anemone patens nuttalliana, American Pasque. Large six-pointed stars of satiny lavender, March, April, ahead of the leaves. Decorative seed heads. South Dakota's state flower. 50c; 3, \$1.35.

Antennarias: Pussy-toes, Ladies' Tobaccos. Valuable evergreen rock garden ground covers, slow spreading, very low, each with its own texture.

A. aprica Broad little leaves of silvery olive in inch high mats, pussy-toe blossoms at 4". Gray-white clump, 40c; charming soft pink, 50c.

A. campestris Broader leaves, velvety deep green, underside white. Toes white or silvery. 50c.

A. microphylla Tiny bluish silvery leaves, lovely patterns and texture. Toes white furry. 50c.

A. obovata Like a larger aprica; gray toes. 45c.

A. rosea Narrower leaved than aprica, with toes of rich dark rose, rare selection. 65c, 3, \$1.50.

Arenaria hookeri Needle leaved cushion of rich deep green, bevvies of stemless white stars, June. Tap-rooted, for scree with lime. 50c; 3, \$1.20.

Arnica fulgens Large daisies of richest gold in patterned elegance. To 14", June. Leaves lanceolate, basal, gray. Summer dormant. 50c; 3, \$1.20.

Artemisia frigida Low, feathery, silvery, fragrant cushion sage. Arching racemes of tiny yellowish bells, August. 45c; 3, \$1.00.

Asclepias pumila Diminutive milkweed, 5 to 8", stems closely set with little linear leaves, with cream-white umbels, midsummer on. 50c; 3, \$1.20.

Aster batesi Slender arching stems, narrow stiff leaves, to 24" or more, wreathes of tiny closely set florets, lavender-blue and gold, September. Head back to 6", July, for low blooming. 50c; 3, \$1.20.

Aster ericoides Similar habit, larger florets of white and gold, September. 18 or 20". Lovely if some weediness may be endured. 45c; 3, \$1.00.

Aster fendleri Rare 8 to 12" rock aster, a mass of inch wide cupped blossoms of pearly blue, September. Rated a "darling". 60c; 3, \$1.50.

Aster kumleini Showy purple or blue, gold centered, one of the finest native asters. Sheets of color at 12 to 15", September. 50; 3, \$1.20.

Aster kumleini, Dream of Beauty. Good definite pink, lavish flowering. 15". 55c; 3, \$1.35.

Aster meritus Earns its name with broad closely massed corymbs of pinkish violet, in July. 8 to 12". Performs well in shade. 60c; 3, \$1.45.

Aster ptarmicoides Cream centered white, beginning long season of beauty in July. Best in poor soil, sun or shade. 8 to 14". 50c; 3, \$1.35.

Aster geyeri, Black Hills. Very superior strain, with florets to 2" wide, an unsurpassed soft blue, late fall. 30 to 40". Drought resistant. 75c.

Astragali, hosts to nitrogen gathering bacteria, need limy scree.

Astragalus gilviflorus, White Orophaca. A snow of high bannered pea blossoms, April, May, on a silvery bun. To 8" wide. Near evergreen. 50c; 3, \$1.35.

A. goniatus Fresh lavender bonnets accented with purple, above green lacy leafage, June, August. 4 to 8". Root running but fine. 50c; 3, \$1.35.

A. missouriensis Clusters of brilliant magenta-purple peas, June, on a 12 to 20" wide, grayish 5" high plant. Often short lived. 45c; 3, \$1.20.

A. spatulatus Irresistable gem, with massed light reflecting purple bonnets, May, early June. Faintly frosty, prickly leaves. 4". 50c; 3, \$1.35.

A. barri, Red Orophaca. A rock garden "bun", newly distinguished from *A. tridactylus* by Dr. R. C. Barneby and named in our honor. Gray-green with lavender-rose, 3" by 8 or more. 60c.

Callirhoe involucrata, Wine Cups, Poppy Mallow. Trailing stems to 25", long summer season, deep glossy cups, intense and pleasing wine red. 50c.

Campanula petiolata, Western Harebell. Larger, more floriferous than typical *rotundifolia*, 8 to 18", masses of translucent blue-purple or lavender flaring bells, June and later. 50c; 3, \$1.35.

Cerastium strictum Earth hugging mat of soft deep green, multitudinous white flowers to 8", May, July. Like a large *C. arvense*. Clump, 45c.

Chrysopsis villosa, Golden Aster. Massed beauty in richest tone, August, September, 12". For best effect shear back to 4" in June. 50c; 3, \$1.20.

Clematis scotti, Leather Flower. Intriguing nodding urns of blue or purple, May. 8 to 10". Glaucous plant, showy seed plumes. 60c; 3, \$1.50.

C. scotti Wonderful variant in a fresh pure pink. Rare find, slowly propagated. \$2.00 each.

Clematis tenuiloba Exquisite nodding, wide flaring, four-pointed stars of blue-purple all through June, 10". Narrow lobed leafage, to 6 or 7". Dense ground cover, spreads slowly. 75c; 3, \$1.75.

Dalea enneandra White and silver, in slender swaying racemes atop slender, nearly leafless stems, June, August. 25 to 35". Can be planted among choice low scree things. 50c; 3, \$1.35.

Delphinium menziesi Shades of blue or deep purple-blue, quite large flowers, plant about 12". May, June, summer dormant. 50c; 3, \$1.35.

Dodecatheon pulchellum (pauciflorum), Shooting Stars. See front cover. 50c; 3, \$1.35; doz. \$4.00.

Drymocallis fissa Cinquefoil cousin with plentiful five petaled, butter yellow saucers. June, 10 to 12". Rich, dark pinnate foliage. 45c; 3, \$1.00.

Echinacea angustifolia, Pink Cone-flower. Beautiful, bold, wide rayed daisies of rosy pink, centers glossy, prickly, mahogany cones. July, 10 to 15". Sun loving, drought proof. 45c; 3, \$1.10.

Erigerons, allied to Asters, are commonly called daisies and are of many types and uses.

E. asper Rich lavender in a dense shaggy fringe, inch-and-a-fourth wide, with golden center. June, 8 or 9". Summer dormant. New. 50c; 3, \$1.10.

E. flagellaris, Whiplash Daisy. A winning Milky Way of dainty white daisies, June and later. 5 to 8". Shallow rooted spreader. Clump 45c.

E. glabellus Inch wide daisies, light to deep lavender, several to the stem, July, August, 8 to 18". Glossy evergreen tufts. 50c; 3, \$1.35.

E. montanensis This willing new one lends a charming touch on limy screes, beginning June. Inch wide, white, 4 to 7". 50c each.

E. scribneri (nematophyllus) Upstanding Jewels of white and gold, inch wide, crowded, above a dark green cushion of linear leaves. Gay, sunny scree plant, to 5", May, June. 55c; 3, \$1.45.

Eriogonum depauperatum Globular heads, white, tinted rusty pink, above grayish leafage. Modest 4" subshrub, pleasing, new. 45c; 3, \$1.20.

Eriogonum flavum A very pleasing one of the numerous Buckwheats. Large fluffy umbels of soft yellow, June, beautiful all-season mats of green felted leaves. 4 to 10". 50c; 3, \$1.35.

Evolvulus nuttallianus Quaint half-inch lavender morning-glories along stems of a furry, 8"-branching bushlet. Best in sand, not a pest. 45c; 3, \$1.00.

Three little Ferns: all drought resistant, loving rich soil, much shade. **Cheilanthes feei**, dark green rugose rock fern, to 5". **Pellaea atropurpurea**, 6" rock fern in glossy deep green. **Woodsia scopulina**, bright green, to 6", accepts much sun, with steady moisture. Each 50c; 3, \$1.10; 1 of each, \$1.35.

Geum triflorum, Prairie Smoke. New to our lists. Deeply cut rosetted leaves of deep green, reddish inflorescence, usually 12", sunburned-pink petals that never open wide. Ladies love it! 50c.

Gutierrezia sarothrae, Golden Dome. Countless fine stems and minute vivid green leaves, dressed in sparkling gold, Sept. To 12". 50c; 3, \$1.35.

Hedeoma camporum, Perrenial Pennyroyal. Trim 3" herb, flushed with pink-lavender mint type blossoms, June on. Fine fragrance. 45c; 3, \$1.10.

Iris flavissima (arenaria) A welcome little visitor in any rock garden, from Hungary and east. Bright yellow, 5", June. 40c; 3, \$1.00.

Iris missouriensis Graceful flags of silvery blue, 12 to 18", June. Forming dense clumps of slender leaves. Free blooming. 50c; 3, \$1.35.

Lathyrus incanus, Sand Pea. Clusters of 2 to 7 large blossoms, banners purple-rose, wings white to pink, early May. 4 to 6". This one glaucous, downy. **L. ornatus**, much the same but glabrous, often brighter in banner. These are spreaders worth controlling. Either, 50c each.

Lesquerella spatulata, Bladder-Pod. Bears its sun reflecting golden crucifer blossoms joyfully, May, June. 4" high, to 10" wide. For clayey, limy scree. Gray evergreen rosettes. 50c; 3, \$1.20.



Lewisia rediviva, Bitter-root. Glorious flowers of rich carmine pink, 2 to nearly 3" wide, upon the ground. Succulent foliage disappears at blossom time to come again in fall. Lean loam or silt. Summer dryness essential. 60c; 3, \$1.50.

Leucocrinum montanum, Sand Lily. Fragrant waxy little white lilies to 4", slender leaves, all from crown 2" under ground. Prolific after first year. Firm lean soil. Summer dormant. 50c; 3, \$1.20.

Liatris ligulistylis, Blazing Star. 20 to 30 lovely luminous purple inch wide heads, July. Maroon bud bracts. 18" or higher. 50c; 3, \$1.20.

Liatris punctata, Dwarf Gayfeather. Dense fluffy spikes of fine clear purple, 8 to 14", August. 45c.

Lithophragma parviflora, Woodland Star. Radiant stars of white in capitate raceme, 4", May, to 12" in June. Tiny tubers, small sod, 50c; 3, \$1.20.

Lithospermum incisum, Fringed Puccoon. Softly glowing yellow ruffled trumpets, May. To 12". Charming showy bushlet. 50c; 3, \$1.35.

Malvastrum coccineum, Flame Mallow. Arresting salmon-scarlet, inch wide hollyhock blossoms in short spires. 5 to 8". Long season. Deeply cut grayish foliage. Lean soil, gravel. 50c; 3, \$1.35.

Mertensia lanceolata, Prairie Bluebell. In April a 2" stem bears a full cluster of buds, to open thrillingly in the first warm days, to 3". Stems branch and rebranch, with countless clusters, into late June. Never above 10". 55c; 3, \$1.45.

Nothocalais cuspidata Rich textured golden discs, many rayed, 2" wide, from a few waxy white margined leaves, April, May. 2 to 6". 50c; 3, \$1.20.

Nuttallia decapetala, Evening Star. Late afternoon blooming, 4" wide flowers, cream-white with a primrose yellow brush of stamens. All summer, strikingly beautiful. 12 to 26". For well drained shaley or gravelly soil. 50c; 3, \$1.35.

Oenothera brachycarpa Magnificent soft yellow evening primrose, 4" wide, open evening to morning. Clusters of silky green lanceolate leaves, to 6". Spreads slowly from root. 50c; 3, \$1.35.

Oe. caespitosa, Gumbo Lily. Great snowy fragrant flying saucers from the ground in a patch of glossy leaves. 6". Open all day, season, May to August. Recommended scree. 45c; 3, \$1.20.

Oe. lavandulaefolia Rich crinkled yellow blossoms, freely, June to frost. 2", open most of the day. 4" tall. Highly rated. 50c; 3, \$1.35.

Oe. serrulata. Unrivalled display of saucers of brightest yellow, inch wide, open most of the day. May, August. Compact bushlet to 10". 45c; 3, \$1.10.

Oe. speciosa Thrillingly beautiful, rare, rose pink form, 3" wide, fragrant. Day blooming, 12". Readily grown, root colonizing. \$1.00; 3, \$2.50.

Oxytropis besseyi, Wyoming Loco. Conspicuous for its masses of very wide wing-petaled flowers and color between magenta and terra cotta, often quite bright. 8 to 12", June. Silvery-silky pinnate foliage. Limited stock. 75c each.

Oxytropis lamberti, Purple Loco. Typically red-purple, light to dark, its many 12" plumes of pea florets are spectacular, the silvery pinnate, basal tufts of leaves handsome. 50c; 3, \$1.20.

Penstemons: They serve many uses delightfully, with varying adaptabilities. All need good drainage, the more important in climates moister than their habitats. You may need to deepen the scree or double the gravel content. Evergreen basal rosettes or mats are the rule.

P. albidus Large white blossoms, 10 to 15", June. Broad lanceolate green leafage. Demands somewhat firm soil texture. 45c; 3, \$1.20.

P. angustifolius Large blossoms, exquisite form and carriage, melting deep azure with a thread of soft pink at the throat. Foliage very glaucous. 12", June. Often in loose sand. 45c; 3, \$1.10.

P. caespitosus Very low creeper with tiny broad leaves, liberally sprinkled with lavender-blue trumpets, June. Permanent in half shade. 50c.

P. eriantherus Large, lovely warm lavender with prominent tongue of gold. June, 8 to 12". Dark rough leafage. Needs some clay and lime, extreme drainage, but no richness. 45c; 3, \$1.20.

P. glabor Thrilling intensity of blue, dark or lighter. Plant green. To 18" or more, June, July, repeating if cut back. Adaptable. 50c; 3, \$1.20.

P. grandiflorus Tall and stately, very large flowered, cool deep lavender, with glaucous stems and leaves. 30 to 40". 50c; 3, \$1.20.

P. nitidus Earliest to bloom, brilliant caerulean blue, large flowered. Plant glaucous. Especially choice dwarf form, 8 to 12", May. 50c; 3, \$1.35.

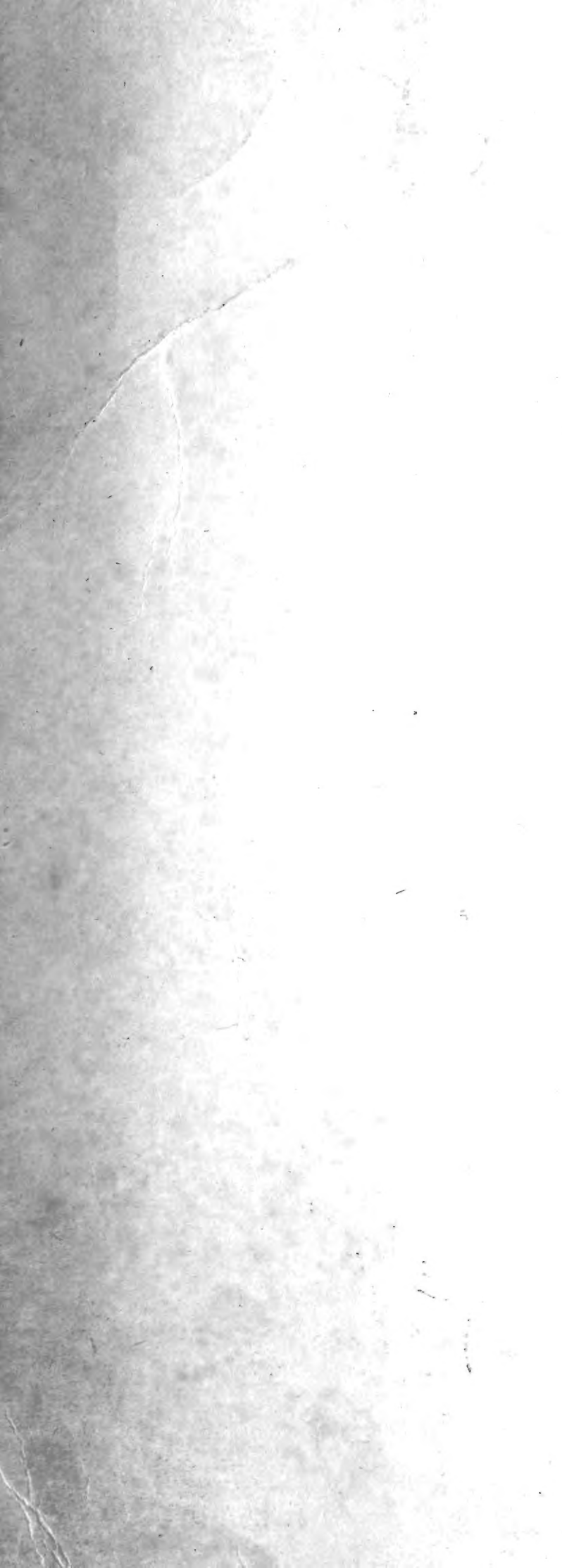
P. procumbens Very low mat of tiny ovate leaves of rich green, and bright blue blossoms. Extra vivid winter color. Sun or half shade. Clump 60c.

P. virens Massed purple-blue spires to 12", late June. Small dark glossy leaves, forming mats. Very free flowering, easy to grow. 50c; 3, \$1.20.

Petalostemon oligophyllus, Prairie Clover. White circlets in gay mood on green cones. 10", June. Small dark leaflets, airy habit. 50c; 3, \$1.35.

Petalostemon purpureus Circlets of orange anthered purple-red on slender deep green thimbles. June, July, 15". Scree or sand. 50c; 3, \$1.35.

Petalostemon villosus Silvered velvety plant, silvered lavender-rose fingers, all very lovely. July, August. Arching, mostly under 12". 50c; 3, \$1.35.



Phloxes of the Great Plains delight in a scree of dominant clay content and a bit of richness. Give half shade and keep cool until established, then more sun.

P. alyssifolia abdita (Dr. Wherry's new classification of the large flowered variant.) Lavender-pink, inch wide, fragrant, full lobed, May, June. To 4". Slow mat maker. 50c; 3, \$1.35.

P. alyssifolia, select cream-white. Same price.

P. andicola Large full lobed white, needle leaved phlox of the high prairies, making colonies or mats. 4". May, July. Any soil. 45c; 3, \$1.10.

P. andicola, a fine rare lavender. 50c; 3, \$1.35.



P. hoodi Mossy green mats, very low, spreading, finally wide. Snowed over with lovely little blossoms in April and early May. 50c; 3, \$1.35.

Phlox longifolia Glowing white form of this 6", upright species. Handsome, cluster flowered, May. Leaves dark green, linear. 50c; 3, \$1.35.

Polygala alba, Milkwort. These slender tapering spikes of white, sometimes purple tinted, never fail to charm. To 8". Dainty dark leafage, evergreen. Heavy soil preferred. 50c; 3, \$1.20.

Potentilla divisa A double handful of pirate's gold among silvered deep-cut leaves, early May. 3" with spread to 10". Scree or rocks. 55c; 3, \$1.45.

Ruellia cilosa Inch-and-a-half petunia in glowing lavender, catching everyone's eye. 8 to 12". Fresh every day, all summer. 45c; 3, \$1.20.

Senecio purshianus Rock plant with all season gray, 2" foliage tufts, displaying in June airy golden paniced daisies at 8". 45c; 3, \$1.10.

Sideranthus spinulosus Massed inch wide asters of glinting gold, at 4", September. The type has frosty, fine textured, pungent foliage, branches densely. Poor soil, hot sun. 50c; 3, \$1.35.

Solidago glaberrima, Smooth Goldenrod. Charming broad, nodding tipped panicles, August. Choice dwarf form, to 12". Moderate traveler. 50c.

S. mollis Especially rich billowy heads, September, 4 to 12". Gray-green. Slow traveler. 50c.

S. pallida Lovely, fragrant, luminous light golden plumes, September, 16 to 18". Broad glossy basal leaves, non-spreading clump habit. 60c; 3, \$1.50.

S. pulcherrima September beauty in plump tapering rods. 16". Clump habit, non-spreading. 60c.

Stenotus armerioides Crowded daisies of scintillating gold, stems and leaves glossy yet rough to touch. Typical sun-lover of high tables and rocky slopes. June, 5". First offering. 75c each.

Thalictrum venulosum, Dwarf Meadow Rue. Very attractive mounds of dense, faintly bluish foliage, to 6" or so. Negligible bronzy bloom to 20". Colony forming, not rampant. 45c; 3, \$1.00.

Townsendia exscapa, Easter Daisy. "Inscrutable" glowing pink daisies upon a tuffet of evergreen leaves, all under 2". Lean scree. 50c; 3, \$1.35.

Townsendia sericea Even more dwarf, one of the first of the Plains' responses to spring. Gem in white and ashy green, early April. 50c; 3, \$1.35.

Tradescantia bracteata, Rainbow Spiderwort. Of many colors and tints. Breaks into bloom in June at 4", continues in long season to 10". Reported to spread rapidly in some environments. Selections in bright rose, purple, each 40c; appleblossom pink, fine white, each 50c; doz. mixed, \$3.00.

Verbena bipinnatifida Bright blue-lilac, steady in production from May to October. Low, trailing, wide spreading, hardy with winter dryness at the crown. 45c; 3, \$1.10. By June from seed, pkt. 25c.

Viola adunca A smiling quizzical little old man in deep blue. Part shade. Often blooms again in autumn. Good soil. 40c; 3, \$1.00.

Viola nuttalli Brilliant golden violet of the dry sunny plains. Heavy producer, April, May. 2 to 6". Summer dormant. 40c; 3, \$1.00.

Viola pedatifida Large blossoms of light to medium violet, well above deeply incised leaves. 4". Any soil, light shade or sun. 40c; 3, \$1.00.

Viola rugulosa White, tinted pink, with violet pencilings. Long season, 6 to 12". Short stolons build dense ground cover. Clump 45c; 3, \$1.20.

Yucca glauca Bayonet-like leaves to 18"; 30" or taller spires, occasionally branched, of nodding lilies, usually greenish cream, July. 60c; 3, \$1.50.

BULBS FOR FALL PLANTING

Allium cernuum, Nodding Onion. Umbels of light shell pink, July, at 8 to 16". 3, 45c; doz. \$1.20.

A. geyeri Very pink heads at 4", mountain top, to 20" in lush meadow. New. 3, 50c; doz. \$1.20.

A. recurvatum superbum Much larger than cernuum, richer pink. Leaves glaucous, flatish. 3, 50c.

A. textile Broad upright umbels of green ribbed white stars at 8", May. Summer dormant. 3, 45c.

Androstephium caeruleum Blue Bethlehem Star. Wide umbels of soft blue, 4 to 8", May. Few dark green leaves. Corms 30c; 3, 85c; large, 40c.

Calochortus gunnisoni, Mountain Mariposa. Lovely white chalice, clusters of greenish hairs at base. July, 16". Grassy leaves. 3, 50c; doz. \$1.20.

Calochortus macrocarpus One of the hardiest and most reliable of mariposas, striking, long pointed stars of satiny lavender, July. 3, 60c; doz. \$1.80

Calochortus nuttalli, Sego Lily, Mariposa Tulip. Shining white, marked gold and maroon. June, 12". Glaucous plant. 3, 50c; doz. \$1.20.

Erythronium mesochorium, Prairie Erythronium. Rare member of a very lovely group of Maytime bulbs. Lavender tinted white stars, segments recurved in our strain, leaves unspotted. Free flowering, increase by offsets. 3, 60c; doz. \$2.20.

Lilium umbellatum True species, resembling *L. philadelphicum*. One to three up-facing orange-red cups, 4" wide, June, July. 10 to 16". Lime tolerant. 4" deep, good soil, well drained. Blooming size 40c; 3, \$1.10; 1 inch, 50c.

Nemastylis acuta, Prairie Irid. Like an enormous blue-eyed grass flower in light gentian blue, an inch to nearly two wide. June, 6 to 7". Stiff pleated leaves. 25c; 3, 60c; doz. \$2.20.

Zygadenus elegans, False Camas. Spire-like panicle of whitish stars, yellow spotted at base, attractive. 18", July. Part shade. 3, 60c.

Zygadenus gramineus Spire of creamy stars in a haze of golden stamens, June, 10 to 16". Basal grassy, green leaves. 3, 45c; doz. \$1.50.

FOR GARDENS IN HALF SHADE and moderately rich soil, well drained: *Agastache*, *Alliums cernuum*, *geyeri* and *recurvatum*, *Anemone patens*, *Antennarias campestris*, *microphylla* and *rosea*, *Arnica fulgens*, *Asters geyeri*, *meritus* and *ptarmicoides*, *Campanula*, *Cerastium*, both *Clematisses*, *Delphineum menziesi*, *Dodecatheon*, *Erigerons asper* and *glabellus*, the Ferns, *Geum triflorum*, *Iris*, *Liatris ligulistylis*, *Lilium*, *Lithophragma*, *Penstemons caespitosus* and *procumbens*, *Solidago pallida*, *Thalictrum*, Violets except *nuttalli*. With adequate moisture, however, sun is equally agreeable to these shade tolerant kinds.

COLD CLIMATE CACTI

Cactus culture: Cold climate cacti naturally exhaust their moisture and shrivel in preparation for winter. An ample depth, say 12", of 9 parts gravel and coarse sand to 1 of good loam, supports lavish bloom, aids essential winter dryness.

Coryphantha vivipara Ball, to 3" or more, showy carmine flowers on top, June. 35c; 3, 90c.

Echinocereus viridiflorus Glossy greenish yellow blossoms on ribs, June. To 4". Color banded spines on new growth. 35c; 3, 90c.

Neobesseya missouriensis Ball, to 2" or wider. Blossom yellow or pale orange, May. 35c; 3, 90c.

Opuntia aurea New prickly pear, flower yellow of wonderful richness. Almost spineless. 50c each.

O. fragilis, Brittle Cactus. A pygmy prickly pear. Large yellow blossoms, June. 35c; 3, 90c.

O. humifusa Pads 4 to 6". Western selection with very large, red centered, yellow blossoms, late June. Ripe pears dark red, showy, edible. 40c; 3, \$1.00.

O. imbricata, Tree Cactus. Ribbed cylindrical sections. Carmine flowers, July. 36 to 48" or more. Single joints, 50c; 3, \$1.35; branched, 75c each.

O. polyacantha Many spined prickly pear, pads 4" or more, 4" crystalline blooms, May. Select pure lemon or fine rich orange, 40c; 3, \$1.00; wonderful carmine or crimson and gold, 50c; 3, \$1.35.

O. rhodantha Large flowered selection in thrilling carmine-pink. Large, spineless pads. 75c; 3, \$1.80.

O. rutila Narrow, smallish pads, 2" showy carmine blossoms in profusion. 40c; 3, \$1.05.

O. "Apache" Ferocious spines, young spines reddish and erect like "hair standing on end." Flower carmine. Probably *rutila* hybrid. Each 50c.

O. "Smithwick" *Humifusa* x *fragilis*. Twice size of *fragilis*, free blooming bright yellow. Each 40c.

Collection 1; One each of the fifteen descriptions above, value \$6.65, for \$5.50.

Collection 2; Any ten, your choice, all different, deduct 10%.

SHRUBS

Amorpha canescens, Lead Plant. Low, gray, velvety effect, with orange dotted purple fingers of bloom, June, July. 12 to 25". 85c; 3, \$2.00.

Artemisia cana Rather stiffly erect Gray Sage. 2 to 3 ft. 1½" leaves, lance-linear. 65c; 3, \$1.50.

A. filifolia, Sand Sage. Beautiful, silvery, fine textured, much branched, delightfully fragrant. Commonly 2 ft. 75c; 3, \$1.65.

A. tridentata, Sagebrush. Tiny three-tipped blue-silvered leaves, erect bushy plant. Nice fragrance. Local form, to 30". 85c; 3, \$2.00.

Atriplex canescens, Salt Bush. All gray-green broad, densely branched bush, to 24". Conspicuous seed bracts. Nearly evergreen. 65c; 3, \$1.50.

Cercocarpus montanus, Mountain Mahogany. Little slightly grayish, toothed leaves, novel greenish blossoms, silky seed tassels. Pleasing alone or grouped. Erect to arching, to 8 ft. \$1.00; 3, \$2.50.

Chrysothamnus graveolens, Rabbit Brush. Broad 3 ft. bush, covered with goldenrod-like bloom in September. Spectacular effect. 85c; 3, \$2.00.

Chrysothamnus plattensis A dwarf, to 10 or 12", white stemmed, gray leaved, with similar light gold bloom in fall. New, rare. 75c; 3, \$1.80.

Eurotia lanata Winter-Fat. Holds its light gray color well into winter, adding seed tufts of white in autumn. 12 to 20". 85c; 3, \$2.00.

Prunus melanocarpa, Choke Cherry. Extra large fruited selection, mild to eat, marvelous flavor in jelly or juice. Striking in fruit, charming in broad fingers of creamy flowers in May. Usually 10 to 12 ft. 24", 75c; 3, \$1.80.

Rosa arkansana var. J. W. Fargo. Wild tetraploid of 40 petals, delightful wild rose pink, displaying a golden center. Cluster flowering, mainly July. 10 to 20", much branched. \$1.00; 3, \$2.50.

Rosa foliolosa Refreshing, 1½" pure white single. Small shining leaflets. Usually 10". \$1.00.

